SiguesAhi

About

SiguesAhi is an open source project by Aarón Montoya-Moraga, started in September 2020.

It is a software library to make digital instruments able to check if institutions still exist, and alert when they don't anymore.

The instruments periodically pings Wikipedia, and check if the article is written in present or past tense. When it changes to past tense, the institution is no more, and the instrument emits beeping, text, or motion.

This repository includes the open source code and examples of the software library.

Hardware

This project is built on a Arduino Nano 33 IOT.

Software

The code included is for flashing the Arduino.

create a file called secret.h via the Arduino IDE.

Add this code

```
#define NETWORK_NAME     "yourNetworkName"
#define NETWORK_PASS     "yourNetworkPass"
```

Documentation

Do it yourself

Bill of materials

Core materials:

- Arduino Nano 33 IoT, $19.00 USD, available at https://store.arduino.cc/usa/nano-33-iot

Optional materials:

- Mini thermal receipt printer starter pack, $61.95 USD, available at https://www.adafruit.com/product/600
- Piezo buzzer, $1.50 USD, available at https://www.adafruit.com/product/160

Programming

- Download the Arduino IDE
- Add the following tools and libraries for the Arduino Nano 33 IoT

Installing

You can change these variables:

- answerType:
    - answerType = 0, beep
    - answerType = 1, print
    - answerType = 2, servo
- interval:
    - interval = 0, 1 minute
    - interval = 1, 1 hour
    - interval = 2, 1 day

Acknowledgements

This project was inspired by these artworks:

- @grow_slow, Nicole He, 2016
- Take a Bullet for This City, Luke Dubois, 2014

This project could not have been possible without the Wikipedia and Arduino projects.

License

MIT